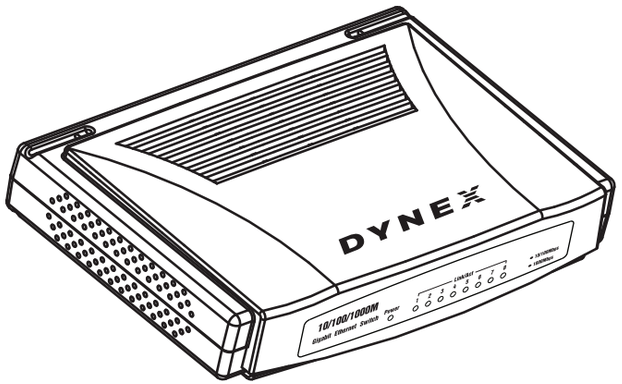
DYNEX

DX-GB8PRT
8-Port Gigabit Ethernet Switch



Congratulations on your purchase of the DX-GB8PRT Dynex 8-Port Gigabit Ethernet Switch. The DX-GB8PRT provides increased speed and backbone connections to make Gigabyte a reality.

Safety Notices

- Do not use this product near water, for example, in a wet basement or near a swimming pool.
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not place heavy objects on the switch.
- Allow room for adequate ventilation.

Package contents

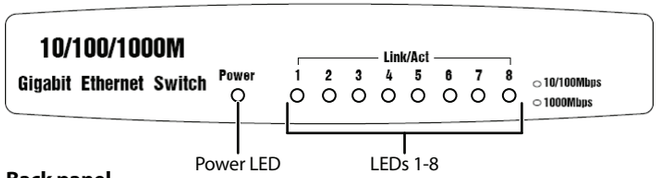
- DX-GB8PRT Dynex 8-Port Gigabit Ethernet Switch
- *Quick Setup Guide*

Features

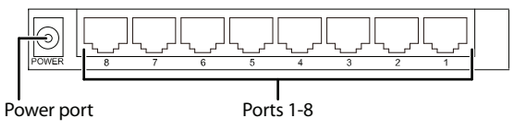
- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p standards
- Eight 10/100/1000M RJ45 ports
- Supports IEEE 802.1p QoS
- Support Green Ethernet technology to implement power saving features. (In Low Power Idle mode, up to 66.22% of the power can be saved.)
- Supports IEEE 802.3x flow control for full-duplex mode and backpressure for half-duplex mode
- Non-blocking switching architecture that forwards and filters packets at full wire-speed for maximum throughput
- 8K entry MAC address table of the DX-GB8PRT with auto-learning and auto-aging
- Supports for Jumbo frames of up to 15 KB
- LED indicators for monitoring power, link, and activity

Components

Front panel

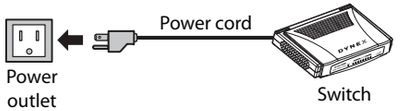


Back panel

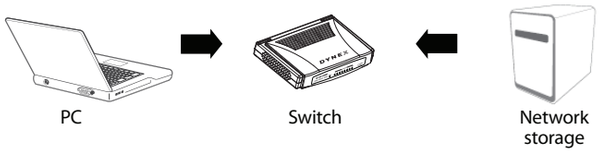


Installing the switch

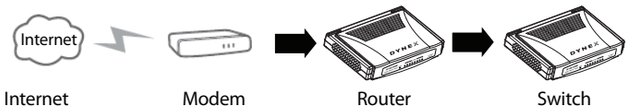
1 Connect the power adapter to the switch and power outlet.



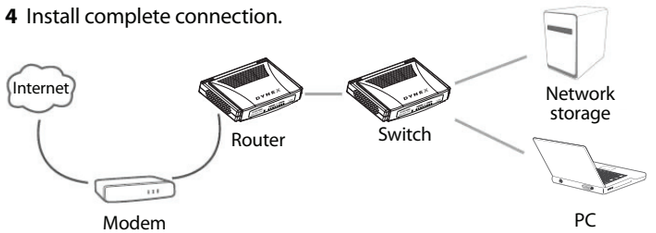
2 Connect the PC(s) and other device(s) to the switch.



3 Connect the switch to the Internet.



4 Install complete connection.



LED indicators

When the switch is plugged in and receiving power, the LED indicators respond as follows:

LED	Status	Indication
Power	On (green)	Power on
Link/Act Ports 1-8	Off	No device is connected to the corresponding port.
	On (orange)	A 10/100 Mbps device is connected to the corresponding port.
	Flashing (orange)	A 10/100 Mbps device is transmitting or receiving data through the corresponding port.
	On (green)	A 1000Mbps device is connected to the corresponding port.
	Flashing (green)	A 1000Mbps device is transmitting or receiving data through the corresponding port.

Troubleshooting

1 **The power LED is not lit**
Make sure that the power adapter is connected correctly and the power outlet is supplying power.

2 **The link/act LED is not lit when a device is connected to the corresponding port**
Make sure that the cables are connected correctly and securely to the switch and device. Make sure that the cable is not longer than 328 ft. (100 m).

Specifications

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.1p
Topology	Star
Protocol	CSMA/CD
Data transfer rate	Ethernet: 10 Mbps (Half Duplex), 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (Half Duplex), 200 Mbps (Full Duplex) Gigabit Ethernet: 2000 Mbps (Full Duplex)
Network media (cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100 m) EIA/TIA-568 100Ω STP (maximum 100 m) 100Base-TX: UTP category 5, 5e cable (maximum 100 m) EIA/TIA-568 100Ω STP (maximum 100 m) 1000Base-TX: UTP category 5e, 6 cable (maximum 100 m) EIA/TIA-568 100Ω STP (maximum 100 m)
Number of ports	Eight 10/100/1000M RJ45 ports
LED indicators	Power, Link/Act
Transfer method	Store-and-Forward
MAC address learning	Automatic learning and aging
Frame filter rate	10Base-T: 14880 pps/Port 100Base-Tx: 148800 pps/Port 1000Base-T: 1488000 pps/Port
Frame forward rate	10Base-T: 14880 pps/Port 100Base-Tx: 148800 pps/Port 1000Base-T: 1488000 pps/Port
Operating temperature	32°F~104°F (0°C~40°C)
Storage temperature	-40°F~158°F (-40°C~70°C)
Operating humidity	10%~90% non-condensing
Storage humidity	5%~90% non-condensing

Legal notices

FCC statement

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more or the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

One-Year Limited Warranty

Visit www.dynexproducts.com for details.

Contact Dynex

For customer service please call 800-305-2204
www.dynexproducts.com

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